

PROCESSING SATELLITE WEB PROXY CACHE**ABSTRACT OF THE DISCLOSURE**

A processing satellite proxy cache subsystem for a satellite payload (106) includes an uplink demodulator and decoder (108) for recovering a resource information request from a satellite uplink, a proxy cache (118) comprising a cache memory (210), a processor (204), and a switch (116) coupled to the uplink demodulator and decoder (108) and to the web proxy cache (118). The switch (116) couples to the web proxy cache (118) through a switch output port connection (120) that directs the resource information request to the web proxy cache (118). The processor (204) is responsive to the resource information request for retrieving resource information content associated with the information request from the cache memory (210) for downlinking to the requesting user terminal (102).